

nerac.com
PEOPLE POWERED SEARCHING

[my account](#)
[learning center](#)
[patent cart](#)
[document ca](#)
[home](#)
[searching](#)
[patents](#)
[documents](#)
[toc journal watch](#)

Format Examples

US Patent

US6024053 or 6024053

US Design Patent

D0318249

US Plant Patents

PP8901

US Reissue

RE35312

US SIR

H1523

US Patent Applications

20020012233

World Patents

WO04001234 or WO2004012345

European

EP1067252

Great Britain

GB2018332

German

DE29980239

Nerac Document Number (NDN)

certain NDN numbers can be used for patents

[view examples](#)


6.0 recommended
Win98SE/2000/XP

Patent Ordering

[help](#)

Enter Patent Type and Number: optional reference note

☐ Add patent to cart automatically. If you uncheck this box then you must *click on* Publication number and view abstract to Add to Cart.

14 Patent(s) in Cart

Patent Abstract

GER 2000-06-15 19948045 **Seat weight measuring appliance**

INVENTOR(S)- Aoki, Hiroshi Shiga JP

APPLICANT(S)- Takata Corp. Shiga JP

PATENT NUMBER- 19948045/DE-A1

PATENT APPLICATION NUMBER- 19948045

DATE FILED- 1999-10-06

DOCUMENT TYPE- A1, DOCUMENT LAID OPEN (FIRST PUBLICATION)

PUBLICATION DATE- 2000-06-15

INTERNATIONAL PATENT CLASS- G01G01944;

B60N00202; G01G019414A

PATENT APPLICATION PRIORITY- 29755598, A

PRIORITY COUNTRY CODE- JP, Japan

PRIORITY DATE- 1998-10-06

FILING LANGUAGE- German

LANGUAGE- German NDN- 203-0452-8071-6

It is one intended seat weight measuring appliance, with which the work costs and the construction costs are reduced and are improved their heat constancy and corrosion constancy. A load sensor possesses a mechanism at least to the reception of a part of the seat weight and to the conversion of the weight from an electric signal. A Dehnungsmeo"einrichtung of the load sensor (30) includes a low isolation situation (32), a wiring situation (33), a resistance situation (34) and an upper isolation situation (35), that are trained one after the other on a sensor element (31).

EXEMPLARY CLAIMS- 1. Seat weight measuring appliance to the measurement of the weight of a vehicle seat including a passenger's sedentary on it weight mit: einem load sensor that picks up a part of the seat weight at least and the seat weight into an electric signal umwandelt, wobei the load sensor a sensor element, that is at least elastically workable at reception of a part of the seat weight, and a Dehnungsmeo"einrichtung, that intended on a surface of the sensor element, shows ist, wobei included the Dehnungsmeo"einrichtung a low isolation situation, a wiring situation, a resistance situation and an upper isolation situation, that are trained one after the other on the sensor element. 2. Seat weight measuring appliance after claim 1, with what the load sensor is angeordnet in the seat. 3. Seat weight measuring appliance after claim 1, with what the load sensor is angeordnet between the seat and a vehicle bodywork. 4. Seat weight measuring appliance after one of the claims 1 .3, with what the sensor element exists ten elastic distortion out of a material, that repeats one, with a lengthening of at least 0,1 percent can resist. 5. Seat weight measuring appliance after one of the claims 1 .4, with what the low isolation situation, the wiring situation, the resistance situation and the upper isolation situation are trained by too bulky of an isolation paste, a wiring paste or a resistance paste on the sensor element. 6. Seat weight measuring appliance after one of the claims 1 .5, includes the low and upper isolation situation a glassy material with what. 7. Seat weight measuring appliance after one of the claims 5 or 6, with what the sensor element exists out of rustproof steel. 8. Seat weight measuring appliance after one of the claims 1 to 3, with what several wirings and connections are laminated to the connection of additional parts at the sensor element. 9. Seat weight measuring appliance after one of the claims 1 .8, the additional parts an appliance, that discontinues a

NO-DESCRIPTORS

▶ proceed to checkout

Nerac, Inc. One Technology Drive . Tolland, CT
Phone (860) 872-7000 Fax (860) 875-1749

©1995-2003 All Rights Reserved . [Privacy Statement](#) . [Report a Problem](#)

